

3³/₄-Inch Exponential Horn Tweeter

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack 3³/₄-Inch Exponential Horn Tweeter features a high quality piezo ceramic disc drive bimorph driver element. This ceramic driver replaces the traditional voice coil and magnetic structure, completely eliminating the most common causes of magnetic tweeter failure — distortion due to mechanical interference (such as dirt on the voice coil) and the voice coil interfering with the magnetic structure.

The tweeter requires no crossover network (crossover is optional) and no specific baffling, and can be used on most 4-, 8-, and 16- ohm speakers.

WIRING

Wire the tweeter to your audio system then test the connections.

Connect speaker wire from one of your audio system's positive outputs to the tweeter's positive (+) terminal.

Connect speaker wire from your audio system's matching negative output to the tweeter's negative (–) terminal.

Note: Each of the tweeter's terminals has two positions where you can connect the wire.

Cautions:

- Be sure all wiring is fully protected from sharp edges.
- Be sure the audio system is off when connecting any wires.
- Leave enough slack in the wires so they can reach the terminals easily.

MOUNTING

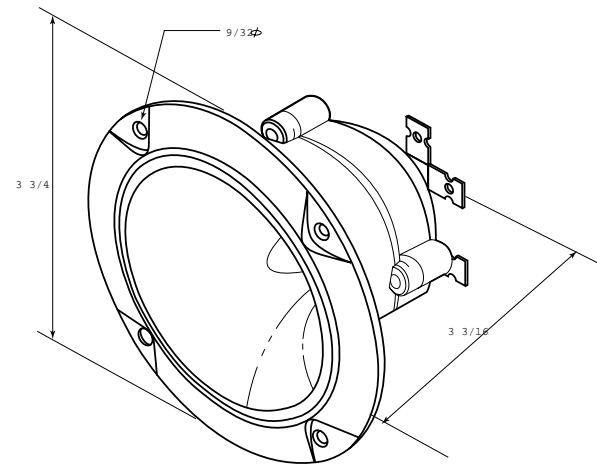
If you decide to mount the tweeter inside an enclosure, temporarily disconnect the tweeter while you mount it.

If necessary, cut a hole in the enclosure 2³/₄ inches in diameter to accommodate the tweeter.

You need four ³/₁₆-inch screws and four matching nuts (not supplied) to mount the tweeter inside an enclosure. Mount the tweeter from the outside, so its front edge is flush with the front of the mounting surface for proper sound dispersion.

Follow these steps to mount the tweeter.

1. Use the tweeter's mounting bracket as a template to mark the locations for the mounting holes.

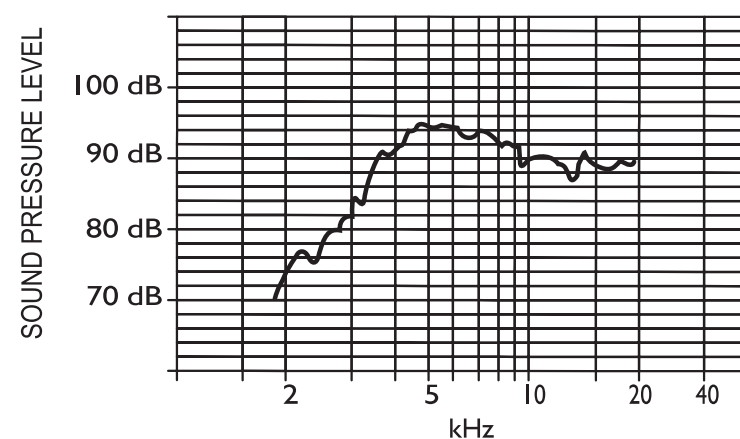


2. Drill four 1/8-inch (3 mm) holes in the mounting locations.
3. Secure the bracket to the mounting location with the screws and nuts.

SPECIFICATIONS

Speaker Weight	2.1 oz (59.5 g)
Power Handling	100 Watts RMS
Maximum Power	200 Watts
Impedance	High (Piezo Driver)
Frequency Response.....	4–27 kHz
Sensitivity.....	90 dB

FREQUENCY RESPONSE





Limited One-Year Warranty

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In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

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This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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